

[illegible]

0	HOCKEY
1	CONTROL
2	APPARATUS
3	ENGINE
0	PRESIDENT
.	
.	
.	
2	AIR-FUEL MIXTURE
1	VALVE

**FIG. 6**

DOCUMENTS	"WHEAT"	"TRADE"	"INCREASE"	"EXPORT"	CATEGORIZATION
D1	0	1	0	1	C <sub>1</sub>
D2	0	1	1	1	C <sub>1</sub>
D3	1	0	0	0	C <sub>2</sub>
D4	1	0	1	1	C <sub>2</sub>

**FIG. 7**

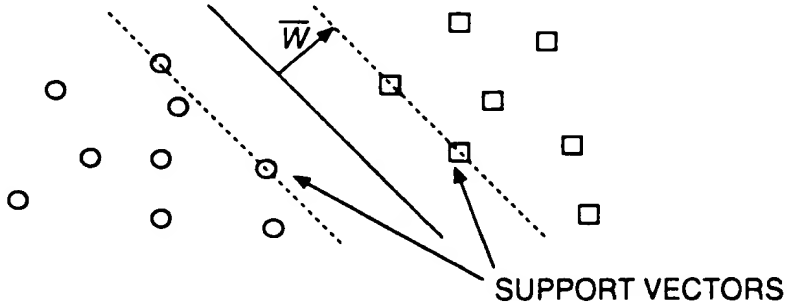


FIG. 8

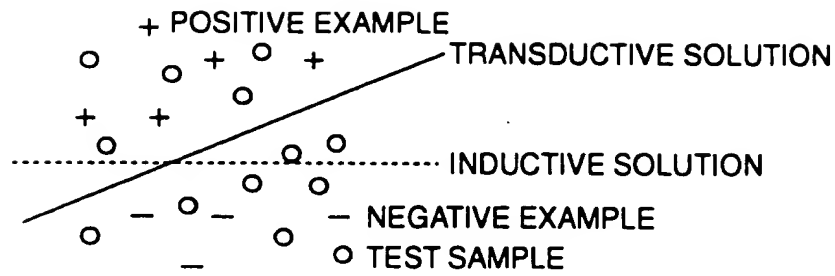


FIG.9

IN CLASS?	CLASSIFIED YES	CLASSIFIED NO	RECALL
TRUTH YES	a	b	$a / a + b$
TRUTH NO	c	d	
PRECISION	$a / a + c$		

FIG.10

CATEGORY	NUMBER OF TRAINING	NUMBER OF TESTING
EARN	2877	1088
ACQ	1650	719
MONEY-FX	539	180
GRAIN	434	149
CRUDE	391	189
TRADE	369	117
INTEREST	347	133
SHIP	198	89
WHEAT	212	71
CORN	183	56

FIG.11

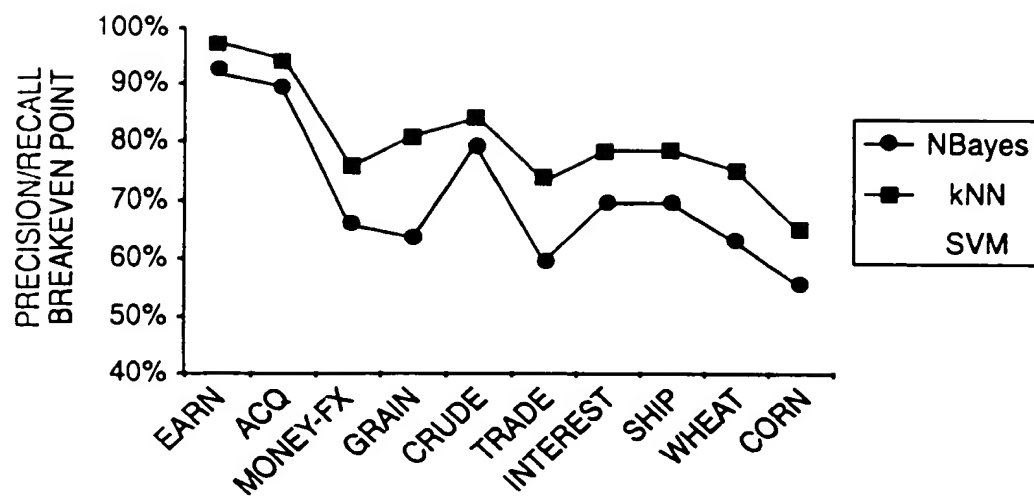
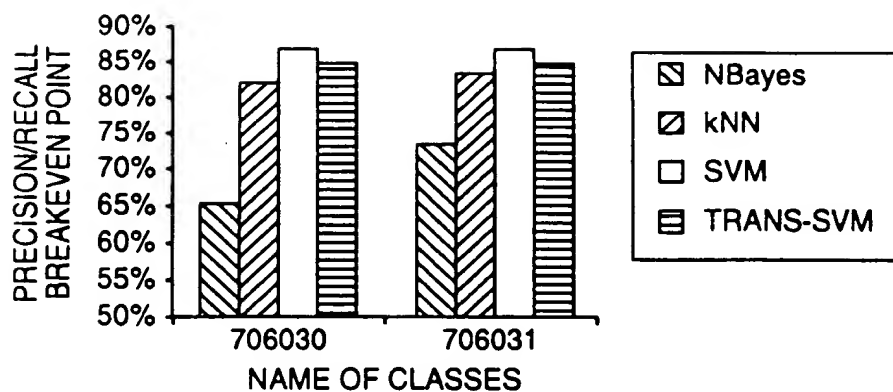


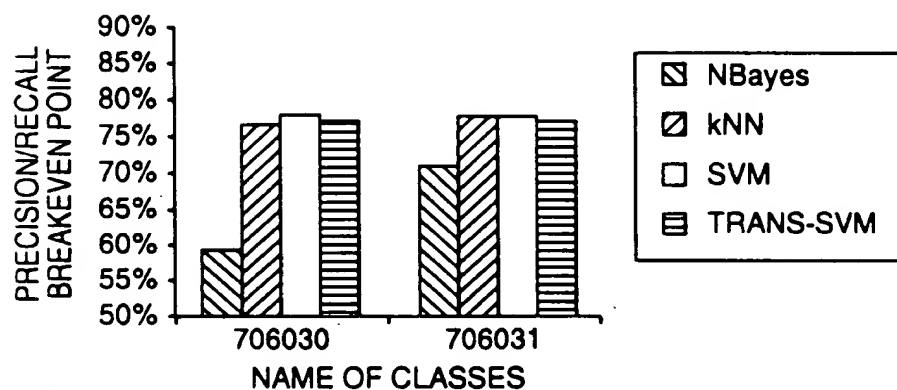
FIG.12

CATEGORY	TOTAL NUMBER OF TEST DOCUMENTS	TOTAL NUMBER OF CORRECTLY CLASSIFIED DOCUMENTS	DIFFERENCE
EARN	1088	1075	13
ACQ	719	690	29
MONEY-FX	180	149	31
GRAIN	149	137	12
CRUDE	189	169	20
TRADE	117	90	27
INTEREST	133	107	26
SHIP	89	76	13
WHEAT	71	59	12
CORN	56	41	15

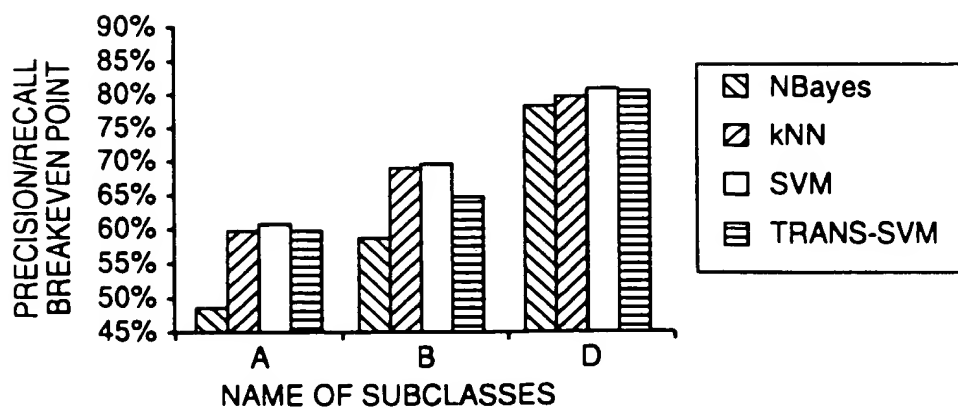
FIG.13



**FIG. 14**



**FIG. 15**



**FIG. 16**